

Parth Kavathiya
Information Technology
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B.E
Male



[Parth Kavathiya](#)

Career Objective

- Aspiring AI/ML Engineer with a strong focus on building intelligent systems and data-driven applications.
- Skilled in machine learning, NLP, and full-stack development with hands-on project experience.
- Interested in working on Large Language Models, prompt engineering, and AI system evaluation.
- Eager to apply analytical thinking and software engineering skills to real-world problems.
- Seeking an opportunity to contribute to innovative AI solutions while continuously enhancing technical expertise.

Education

Examination	Institute	Year	CGPA%
BE-IT	Shantilal Shah Engineering College, Bhavnagar	2022-2026	8.5
HSC	Alpha Vidhya Sankul,Junagdh	2020-2022	65%
NTA	JEE MAIN	2022	86PR
SSC	Shree Nalanda Vidhyalaya, Derdi(Kumbhaji)	2019-2020	68.83%

PROJECTS

1. TWINS AI TECHNOLOGY

- Developed an AI-based platform for intelligent automation and smart decision-making.
- Integrated machine learning models to process user inputs and generate real-time outputs.
- Designed APIs and backend logic for handling structured and unstructured data.
- Focused on response accuracy, performance optimization, and scalability.
- Implemented a user-friendly interface for seamless interaction.
-  Live: <https://twinsaitech.com/>

2. smartReality.ai (AI-Based Project)

- Developed an AI-powered system for generating smart insights and recommendations.
- Processed user data using machine learning models and APIs.
- Designed system to handle structured data and improve decision-making.
- Optimized model performance for better efficiency and accuracy.
- Focused on real-world AI applications and scalable architecture.
-  Live: <https://smartrealty-system.onrender.com>

3. E-commerce Web Application

- Developed a full-stack web application with product listing and cart system.
- Implemented user authentication including email/password and OTP-based login.
- Built REST APIs for dynamic data handling and backend integration.
- Designed responsive UI using HTML, CSS, and JavaScript.
- Managed database operations using MySQL.
-  Live: [<https://varee-d4cy.onrender.com/>]

4. AI Chatbot for Customer Support

Built an NLP-based chatbot using Hugging Face Transformer models.

- Implemented prompt engineering and conversation memory for contextual responses.
- Integrated chatbot with Flask-based web application for real-time interaction.
- Evaluated responses using BLEU and ROUGE metrics for accuracy and relevance.
- Improved response quality through testing and optimization techniques.

SKILLS

- **Programming:** Python, Java (Basic), JavaScript
- **AI/ML:** Machine Learning, NLP, Deep Learning, LLM
- **LLM & AI Skills:** Prompt Engineering, Response Evaluation, Data Annotation
- **Libraries/Tools:** TensorFlow, Scikit-learn, Pandas, NumPy, Hugging Face Transformers
- **Web Development:** Flask, HTML, CSS, JavaScript
- **Database:** MySQL
- **Tools & Technologies:** Git, GitHub, VS Code, REST APIs
- **Other Skills:** Data Handling (Structured & Unstructured), Problem Solving, Debugging

WORK EXPERIENCE & INTERNSHIPS

1. Microsoft Virtual Internship

- Completed industry-oriented training on software development and real-world project workflows
- Gained hands-on experience with APIs, system design, and deployment concepts
- Worked on practical assignments based on real-world problem statements
- Developed understanding of modern development tools and best practices
- Strengthened problem-solving and analytical skills

2. AI/ML Intern – Kretoss Technology

- Developed machine learning models for data analysis and prediction tasks
- Performed data preprocessing, feature engineering, and model training
- Applied NLP techniques for text processing and insight generation
- Evaluated model performance using accuracy, precision, and recall metrics
- Improved model efficiency for real-time AI-based applications

3. AI/ML Intern – Zerones

- Worked on AI/ML-based problem analysis and solution design
- Translated user requirements into technical implementations
- Collaborated with team members to improve workflow and productivity
- Gained exposure to agile development and real-world project environments
- Enhanced structured thinking and problem-solving abilities

AREA OF INTEREST

- Artificial Intelligence & Machine Learning
- Natural Language Processing (NLP) & Large Language Models (LLMs)
- Data Science & Intelligent Data Processing

AI-based Product Development & Automation Systems

Strengths

- Strong analytical thinking and structured problem-solving ability
- Quick learner with adaptability to new technologies and tools
- Effective communication and team collaboration skills
- Ability to evaluate solutions with focus on accuracy and efficiency